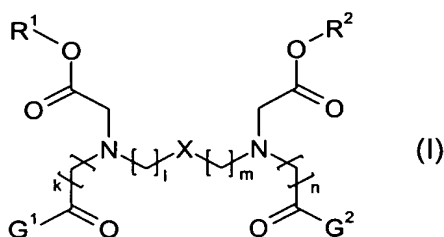


**THE FOLLOWING ARE THE ENGLISH TRANSLATION  
OF ANNEXES TO THE INTERNATIONAL PRELIMINARY  
EXAMINATION REPORT (ARTICLE 34):**

Amended Sheets (Pages 34-38)

We claim:-

1. A process for stabilizing polymerizable compounds to polymerization during working-up, storage and/or transport, wherein at least one free radical scavenger which comprises at least two glycine units and at least one amide and/or ester unit is used.
2. The process according to claim 1, wherein at least one free radical scavenger of the formula (I)



where

$G^1$  may be  $NR^3R^4$  or  $OR^7$ ,

$G^2$  may be  $NR^5R^6$  or  $OR^8$ ,

$R^1$  to  $R^6$ , independently of one another, may be hydrogen,  $C_1$ - $C_{20}$ -alkyl,  $C_1$ - $C_{20}$ -alkylcarbonyl,  $C_2$ - $C_{20}$ -alkenyl,  $C_2$ - $C_{20}$ -alkenylcarbonyl,  $C_2$ - $C_{20}$ -alkynyl,  $C_2$ - $C_{20}$ -alkynylcarbonyl,  $C_3$ - $C_{15}$ -cycloalkyl,  $C_5$ - $C_{15}$ -cycloalkylcarbonyl, aryl, arylcarbonyl or heterocycles,

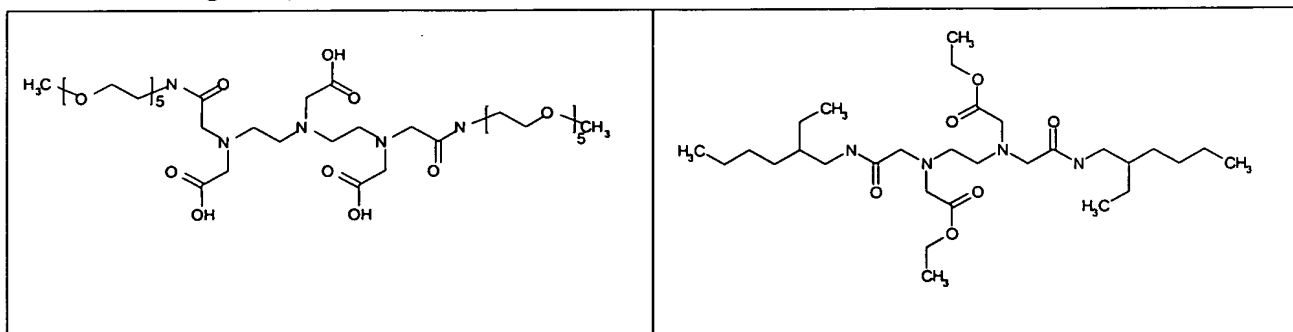
$R^7$  and  $R^8$ , independently of one another, may be  $C_1$ - $C_{20}$ -alkyl,  $C_1$ - $C_{20}$ -alkylcarbonyl,  $C_2$ - $C_{20}$ -alkenyl,  $C_2$ - $C_{20}$ -alkenylcarbonyl,  $C_2$ - $C_{20}$ -alkynyl,  $C_2$ - $C_{20}$ -alkynylcarbonyl,  $C_3$ - $C_{15}$ -cycloalkyl,  $C_5$ - $C_{15}$ -cycloalkylcarbonyl, aryl, arylcarbonyl or heterocycles,

X may be  $C_1$ - $C_{20}$ -alkyl,  $NCH_2COOR^9$ ,  $NR^{10}$ , O, S,  $PR^{11}$ , Se,  $SiOR^{12}R^{13}$  or aryl, where  $R^9$  to  $R^{13}$ , independently of one another, may be hydrogen or  $C_1$ - $C_{20}$ -alkyl, and

k, l, m and n, independently of one another, may be numbers from 0 to 20,

is used.

3. The process according to claim 2, wherein  $R^1$  and  $R^2$  are identical and are hydrogen or  $C_1$ - $C_{20}$ -alkyl.
4. The process according to claim 2 or 3, wherein  $R^3$  and  $R^5$  are identical and are hydrogen,  $C_1$ - $C_{20}$ -alkyl or  $C_1$ - $C_{20}$ -alkylcarbonyl.
5. The process according to any of claims 2 to 4, wherein  $R^4$  and  $R^6$  are identical and are  $C_1$ - $C_{20}$ -alkyl,  $C_1$ - $C_{20}$ -alkylcarbonyl, aryl,  $C_2$ - $C_{20}$ -alkenyl,  $C_2$ - $C_{20}$ -alkenylcarbonyl,  $C_2$ - $C_{20}$ -alkynyl or  $C_2$ - $C_{20}$ -alkynylcarbonyl.
6. The process according to either of claims 4 and 5, wherein  $R^3$  and  $R^5$  are hydrogen and  $R^4$  and  $R^6$  are selected from phenyl, benzyl, p-methoxyphenyl, o-, m- or p- hydroxyphenyl, 1-hydroxyhexyl, methyl, ethyl, propyl, butyl, ethylene glycol, diethylene glycol, triethylene glycol, ethoxylate having 4 to 10 EO units, ethylenediamine, diethylenetriamine, triethylenetetramine and amino acids.
7. The process according to any of claims 2 to 6, wherein  $R^7$  and  $R^8$  are identical and are  $C_1$ - $C_{20}$ -alkyl,  $C_1$ - $C_{20}$ -alkylcarbonyl, aryl,  $C_2$ - $C_{20}$ -alkenyl,  $C_2$ - $C_{20}$ -alkenylcarbonyl,  $C_2$ - $C_{20}$ -alkynyl or  $C_2$ - $C_{20}$ -alkynylcarbonyl.
8. The process according to claim 7, wherein  $R^7$  and  $R^8$  are selected from phenyl, benzyl, p-methoxyphenyl, o-, m- or p-hydroxyphenyl, 1-hydroxyhexyl, methyl, ethyl, propyl, butyl, ethylene glycol, diethylene glycol, ethoxylate having 4 to 10 EO units, ethylenediamine, diethylenetriamine, triethylenetetramine and amino acids.
9. The process according to any of claims 2 to 8, wherein X is  $C_1$ - $C_{20}$ -alkyl or  $CH_2NCOOR^9$ .
10. The process according to any of claims 1 to 9, wherein at least one of the following compounds is used:




11. The process according to any of claims 1 to 10, wherein from 0.1 to 1 000 ppm, based on the polymerizable compound, of the free radical scavenger or of a free radical scavenger mixture are used.

12. The process according to any of claims 1 to 11, wherein at least one costabilizer is used.
- 5 13. The process according to claim 12, wherein the costabilizer is selected from the group consisting of the oxygen-containing gases, phenolic compounds, quinones and hydroquinones, N-oxyl compounds, aromatic amines, phenylenediamines, imines, sulfonamides, oximes, hydroxylamines, urea derivatives, phosphorus-containing compounds, sulfur-containing compounds, complexing agents based  
10 on tetraazaannulenes and metal salts, and, if appropriate, mixtures thereof.
14. The process according to claim 12 or 13, wherein phenothiazine, hydroquinone, hydroquinone monomethyl ether, 2,2,6,6-tetramethylpiperidin-N-oxyl, 4-hydroxy-2,2,6,6-tetramethylpiperidin-N-oxyl, 4-oxo-2,2,6,6-tetramethylpiperidin-N-oxyl,  
15 N,N'-di-sec-butyl-p-phenylenediamine, cerium(III) acetate, cerium(III) ethylhexanoate, oxygen-containing gases and/or mixtures thereof are used as the costabilizer.
15. The process according to any of the preceding claims, wherein the polymerizable  
20 compound comprises at least one ethylenically unsaturated group.
16. The process according to claim 15, wherein the polymerizable compound is selected from the group consisting of the mono-, di- or triethylenically unsaturated C<sub>3</sub>-C<sub>8</sub>-carboxylic acids, C<sub>1</sub>-C<sub>20</sub>-esters, C<sub>1</sub>-C<sub>20</sub>-amides, C<sub>1</sub>-C<sub>20</sub>-nitriles  
25 and C<sub>1</sub>-C<sub>20</sub>-anhydrides of these mono-, di- or triethylenically unsaturated C<sub>3</sub>-C<sub>8</sub>-carboxylic acids, vinyl esters of carboxylic acids comprising up to 20 carbon atoms, vinyl ethers of alcohols comprising from 1 to 10 carbon atoms, vinylaromatics and vinylheteroaromatics of up to 20 carbon atoms, vinyl lactams having 3 to 10 carbon atoms in the ring, open-chain N-vinylamide compounds  
30 and N-vinylamine compounds, vinyl halides, aliphatic, if appropriate halogenated, hydrocarbons having 2 to 8 carbon atoms and 1 or 2 double bonds, vinylidenes or mixtures of these monomers.
17. The process according to claim 15 or 16, wherein mono-, di- or triethylenically  
35 unsaturated C<sub>3</sub>-C<sub>8</sub>-carboxylic acids, C<sub>1</sub>-C<sub>20</sub>-esters of these mono-, di- or triethylenically unsaturated C<sub>3</sub>-C<sub>8</sub>-carboxylic acids, vinyl esters of carboxylic acids comprising up to 20 carbon atoms, vinyl ethers of alcohols comprising 1 to 10 carbon atoms, vinylaromatics and vinylheteroaromatics of up to 20 carbon atoms, vinyl lactams having 3 to 10 carbon atoms in the ring, open-chain N-vinylamide compounds or N-vinylamine compounds are used as the  
40 polymerizable compound.

18. The process according to any of claims 15 to 17, wherein (meth)acrylic acid,  
(meth)acrylates, N-vinylcaprolactam, N-vinylformamide, N-vinylimidazole, N-  
vinylpyrrolidone, vinylphosphoric acids, N-vinylcarbazole, N,N-  
divinylethyleneurea, trimethylolpropane triacrylate, ureidomethyl methacrylate,  
styrene, butadiene or isoprene is used as the polymerizable compound.
19. A stabilizer mixture comprising
  - i) at least one free radical scavenger which comprises at least two glycine  
units and at least one amide and/or ester unit, and
  - ii) at least one further stabilizer or costabilizer.
20. A mixture comprising a stabilizer mixture according to claim 19 and at least one  
polymerizable compound.
21. The use of a stabilizer mixture according to claim 19 for stabilizing polymerizable  
compounds to polymerization during working-up, storage and/or transport.